

**U. S. ENVIRONMENTAL PROTECTION AGENCY  
CHEMICAL SUBSTANCE INVENTORY REPORT**  
(Section 8(a) and (b) Toxic Substances Control Act 15 USC 2607)



FORM NO. 31244999

1. CERTIFICATION STATEMENT: I hereby certify that, to the best of my knowledge and belief: (1) the chemical substance identified below has been manufactured or imported for a commercial purpose since January 1, 1975, and can be reported for the inventory (40 CFR 710); (2) all information entered on this form is complete and accurate; and (3) the confidentiality statements on the back of this form are true as to that information for which I have asserted a confidentiality claim. I agree to permit access to, and the copying of, reports by a duly authorized representative of the EPA Administrator, in accordance with the Toxic Substances Control Act, to document any information reported here.

SIGNATURE: Harold W. Buck

DATE: 3/30/78

NAME/TITLE (TYPE OR PRINT): Harold W. Buck/Technical Director

Foreign Supplier Signature \_\_\_\_\_

Date \_\_\_\_\_

II. MID 109145  
 III. PLANT SITE NAME/ADDRESS: Bolse Cascade Paper Group  
Bumford, N.H.  
 CITY: Bumford STATE: NH  
 COUNTY: Oxford ZIP: 03276  
 DUN & BRADSTREET NO. 109109-50411

III. CORPORATION: Bolse Cascade Corporation

IV. PRINCIPAL TECHNICAL CONTACT(S)  
Harold W. Buck - Technical Director  
Henry P. Gore - Laboratory Supervisor

NUMBER	EPA USE ONLY	CONFIDENTIALITY CLAIMS						
		PLANT SITE	CORPORATION	PRODUCTION	SITE LIMITED	IMPORT	MANUFACTURE	MANUFACTURE
21								

ACTIVITY	SITE LIMITED	IMPORT	MANUFACTURE	PRODUCTION RANGE
X	X		X	4

V. CHEMICAL SUBSTANCE WHERE THE IDENTITY IS CONFIDENTIAL (AND/OR) THE CAS REGISTRY NUMBER IS UNKNOWN.

CAS REGISTRY NUMBER (IF KNOWN)	SPECIFIC CHEMICAL NAME (SEPARATE MULTIPLE NAMES WITH A SEMI-COLON)	<input type="checkbox"/> CLASS 1 <input type="checkbox"/> CLASS 2
1	Starch - Enzyme Converted	

IN THE SPACE PROVIDED BELOW, PROVIDE STRUCTURAL INFORMATION, MOLECULAR FORMULA, AND OTHER SUPPLEMENTAL INFORMATION TO AID IN THE SPECIFIC IDENTIFICATION OF THE CHEMICAL SUBSTANCE:

SEE ATTACHED SHEETS  
(WRITE FORM NO. ON ALL ATTACHMENTS)

MOLECULAR FORMULA

(g)  CHEMICAL SUBSTANCE IDENTITY IS CONFIDENTIAL

(1) SUBSTANTIATION:  
 No. of sheets attached (write form number on all substantiation sheets).  
 (2) Proposed Generic Name:

(3) I agree to the terms of CONFIDENTIAL CHEMICAL SUBSTANCE IDENTITY STATEMENT on the back of this form.

A product which results from treating starch in aqueous slurry, with a starch-hydrolyzing enzyme under controlled conditions of temperature and pressure. A desired degree of hydrolysis is achieved by the controlled conditions and the length of time the starch slurry is maintained under their influence. Preferred enzymes are amylase (900-85-5), carbohydrase (90001-02-9). The enzymatic hydrolysis is terminated by destroying the enzyme, which may be done by raising the temperature or by pH adjustment. The product is a starch of lower average molecular weight than the starting material, in mixture with oligosaccharides split from the original starch by hydrolysis.